

VEDDER PRICE

VEDDER, PRICE, KAUFMAN & KAMMHOLZ, P.C.  
 222 NORTH LASALLE STREET  
 CHICAGO, ILLINOIS 60601  
 312-609-7500  
 FACSIMILE: 312-609-5005

OFFICES IN CHICAGO, NEW YORK CITY AND ROSELAND, NEW JERSEY

If you have any problems with this transmission,  
 please call 312 609-5001.  
 Our Fax Number is 312-609-5005.

Fax Operator:

**Confidentiality Note**  
 This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivery of the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone at 312-609-5001, and return this original message to us at the above address via the U.S. Postal Service. Thank you.

Please deliver the following page(s) to:

Page 1

Name: U.S. Patent and Trademark Office  
 Firm:  
 From: Mark A. Dalla Valle  
 Date: December 2, 2004  
 Client No.: 11471.00.0016

Fax No.: 703-872-9306  
 Confirmation No.: 312-609-5005  
 Sender's Ext.: 7620  
 Total Pages: 6  
 Time Received by Fax Dept.: 2004 DEC 2 PM 2:09

**Message:**

U.S. Patent Application No. 10/789,702, filed February 27, 2004, Docket No. 11471.00.0016

I hereby certify that this correspondence; Declaration (4 pages) and Fee Transmittal for deposit account (1 page), are being facsimile transmitted to the United States Patent and Trademark Office on December 2, 2004.

  
 Mark A. Dalla Valle  
 Reg. No. 34,147

PTO/SB/17 (10-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete If Known

Application Number	10/789,702
Filing Date	February 27, 2004
First Named Inventor	Qian Yu
Examiner Name	Mohammad Ghayour
Art Unit	2631
Attorney Docket No.	11471.00.0016

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number	22-0259
Deposit Account Name	VEDDER PRICE

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 560	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20% =	X	=
Independent Claims	- 3% =	X	=
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	" Reissues independent claims over original patent
1205 18	2205 9	" Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

\*\*or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
1051 130	2051 85	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1262 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 00	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2601 6 5	Utility issue fee (or reissue)	
1502 4 0	2502 245	Design issue fee	
1503 6 0	2503 3 0	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1609 780	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 780	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

(Complete if applicable)

Name (Print/Type)	Mark A. Dalla Valle	Registration No. (Attorney/Agent)	34,147	Telephone	312-609-7620
Signature				Date	Dec. 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. OMB NO. 0651-0032. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/01 (08-03)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.18 (e))  
required)

Attorney Docket Number	11471.00.0016
First Named Inventor	Qian Yu
<b>COMPLETE IF KNOWN</b>	
Application Number	10/789,702
Filing Date	February 27, 2004
Art Unit	2631
Examiner Name	TBD

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ADAPTIVE SIGNAL LATENCY CONTROL FOR COMMUNICATIONS SYSTEMS SIGNALS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

02/27/2004

as United States Application Number or PCT International

Application Number

10/789,702

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes	Certified Copy Attached? No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1302937

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

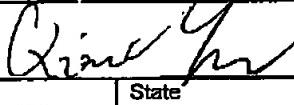
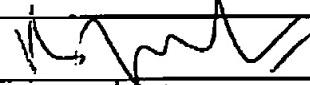
PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 23418		<input type="checkbox"/> Correspondence address below
Name      Mark A. Dalla Valle, Esq. VEDDER PRICE KAUFMAN & KAMMROLZ, P.C.		
Address      222 North LaSalle Street		
City      Chicago	State      IL	ZIP      60601
Country      USA	Telephone      (312) 609-7620	Fax      (312) 609-5005
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.		
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned Inventor
Given Name (first and middle [if any]) QIAN		Family Name or Surname YU
Inventor's Signature 		Date 11/19/2004
Residence: City Cupertino	State CA	Country US
Citizenship P.R. China		
Mailing Address 20990 Valley Green Dr., Apt 629      3030 Cameron Way		
City Cupertino	State CA	ZIP 95014-95051
Country US		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor
Given Name (first and middle [if any]) VINUGOPAL		Family Name or Surname BALASUBRAMONIAN
Inventor's Signature 		Date 11/29/04
Residence: City San Jose	State CA	Country US
Citizenship India		
Mailing Address 4435 Albany Drive, #80      1162 Denver Dr.		
City San Jose	State CA	ZIP 95139-95008
Country US		
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <sup>2</sup> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.		

[Page 2 of 2]

1302937

PTO/SB/02A (09-04)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
		Page 1 of 2	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
JISHNU		BHATTACHARJEE	
Inventor's Signature <i>Jishnu Bhattacharjee</i>			Date 11/19/04
San Jose Residence: City	CA State	US Country	India Citizenship
4807 Norwalk Drive, Apt #N-104 #F V-3LD 4-291			
Mailing Address			
San Jose City	CA State	95129 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
DEBANJAN		MUKHERJEE	
Inventor's Signature <i>Debanjan Mukherjee</i>			Date 11/19/2004
San Jose Residence: City	CA State	US Country	India Citizenship
4-291 4807 Norwalk Drive, Apt #N-104 #F V-3LD			
Mailing Address			
San Jose City	CA State	95129 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
ABHLIT		PHANSE	
Inventor's Signature <i>KR Phanse</i>			Date 11/19/2004
San Jose Residence: City	CA State	US Country	India Citizenship
444 Saratoga Ave. (o f9) Minerille Ave.			
Mailing Address			
Santa Clara City	CA State	95014 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

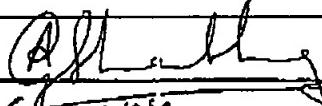
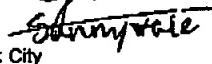
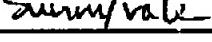
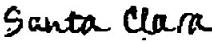
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

1302945

PTO/SB/02A (09-04)

Approved for use through 07/31/2008. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
		Page 2 of 2	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
ABHILJIT 		SHANBHAG	
Inventor's Signature			Date Nov 19 2004
San Jose  Residence: City	CA State	US Country	India Citizenship
4250 Albany Dr., #F-105 1044 Gloucester Ave.			
Mailing Address			
San Jose  City	CA State	Zip 94087	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
EDEM 		IBRAGIMOV	
Inventor's Signature			Date 11.19.04
San Jose  Residence: City	CA State	US Country	US Citizenship
4251 Norwalk Dr., Apt. #110 1295 Buchanan Dr.			
Mailing Address			
San Jose  City	CA State	Zip 95051	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
FABIAN 		GIROUD	
Inventor's Signature			Date 11/12/04
San Jose  Residence: City	CA State	US Country	France Citizenship
4250 Albany Dr., #F-307 317 Kelly Blvd #D305			
Mailing Address			
San Jose  City	CA State	Zip 95128	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

1302952